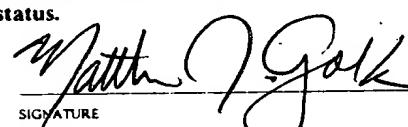


87-154
71 Hesd PCT/PTO 21 JUL 1995

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 (REV 10-94)		ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		43016-A-PCT-US/JPW
INTERNATIONAL APPLICATION NO. PCT/US94/00757	INTERNATIONAL FILING DATE 21 January 1994	U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.51) 08/196,154
TITLE OF INVENTION GANGLIOSIDE-KLH CONJUGATE VACCINES WITH QS-21		
APPLICANT(S) FOR DO/EO/US Philip O. Livingston and Friedhelm Hellung		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) </p> <p>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11. to 16. below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input type="checkbox"/> Other items or information:</p>		

S APPLICATION NO (if known, see 37 C.F.R. 1.51) 08/196,154	INTERNATIONAL APPLICATION NO PCT/US94/00757	ATTORNEY'S DOCKET NUMBER 43016-A-PCT-US												
17. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY												
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO..... \$850.00														
International preliminary examination fee paid to USPTO (37 CFR 1.482) \$660.00														
No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).. \$730.00														
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$980.00														
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)..... \$92.00														
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 660.00												
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$ 0												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>32 -20 =</td> <td>12</td> <td>X \$22.00 \$ 264.00</td> </tr> <tr> <td>Independent claims</td> <td>1 -3 =</td> <td>0</td> <td>X \$76.00 \$ 0</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	32 -20 =	12	X \$22.00 \$ 264.00	Independent claims	1 -3 =	0	X \$76.00 \$ 0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE											
Total claims	32 -20 =	12	X \$22.00 \$ 264.00											
Independent claims	1 -3 =	0	X \$76.00 \$ 0											
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$240.00 \$ 240.00												
TOTAL OF ABOVE CALCULATIONS =		\$ 504.00												
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).		\$ 0												
SUBTOTAL =		\$ 1,164.00												
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+ \$ 0												
TOTAL NATIONAL FEE =		\$ 1,164.00												
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$ 0												
TOTAL FEES ENCLOSED =		\$ 1,164.00												
		Amount to be: refunded \$ charged \$												
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,164.00 to cover the above fees is enclosed.														
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.														
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed.														
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.														
SEND ALL CORRESPONDENCE TO John P. White, Esq. Cooper & Dunham LLP 1185 Avenue of the Americas New York, New York 10036														
 SIGNATURE Matthew J. Golden NAME 35,161 REGISTRATION NUMBER														

08196154
RECEIVED JUL 21 1995

Dkt

IN THE UNITED STATES INTERNATIONAL PATENT AND TRADEMARK OFFICE

Applicants: Philip O. Livingston and Friedhelm Hellriegel
Serial No.: 08/196,154 Int'l Appl. No.: PCT/US94/00757
Filed: Herewith Int'l Filing Date: 21 January 1994
For: GANGLIOSIDE-KLH CONJUGATE VACCINES WITH QS-21

1185 Avenue of the Americas
New York, New York 10036
July 21, 1995

Honorable Commissioner of Patents
and Trademarks
Box PCT
Washington, D.C. 20231

Attn: RO/US

Sir:

**EXPRESS MAIL
CERTIFICATE OF MAILING
FOR ABOVE-IDENTIFIED APPLICATION**

"Express Mail" mailing label number: TB 770912395 US
Date of Deposit: July 21, 1995
I hereby certify that this paper or fee is being deposited
with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 C.F.R. 1.10 on the
date indicated above and is addressed to the Commissioner
of Patents and Trademarks, Washington, D.C. 20231.

Printed Name: TRINIDAD TEGGA

Respectfully submitted,


John P. White
Registration No. 28,678
Matthew J. Golden
Registration No. 35,161
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Cooper & Dunham LLP
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New York, New York 10036
(212) 278-0400